OVU4120 Receiver

USB IR transceiver for Windows Vista

- Receiving IR (carrier freq 30kHz to 60kHZ)
  - Incorporates Microsoft recommended RC6 IR protocol
- Learning IR
  - Supports carrier frequencies from 30kHz to 100kHZ
- Transmitting IR (Emitting)
  - Supports carrier frequencies from 30kHZ to 100kHZ
  - Supports 2 independent IR emitters
  - Sends and receives IR simultaneously
- System
  - Windows Vista Premium ready
  - Resume from Standby (S1, S3)
  - USB 2.0 (full speed) compliant
  - FCC, UL and CE compliant
  - Microsoft RLC structure compliant
  - Works with Vista inbox

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Technical specifications

Mechanical

Case	Plastics
Weight	115g
Standard packing	Polyethylene bag with bulk package in carton box

Electrical

Transmission/Coding System	Philips RC6 Mode 6a
LED	2
Wavelength	950nm
Supply voltage	DC5V
Operating current	<100 mA
Operating distance	8 m typ with RC197/RC153/ RC176
Modulation frequency	36kHz
System requirements	Windows Vista
Power supply	USB bus powered
Connector type	USB connectors 2.0 compliant

Temperature Range

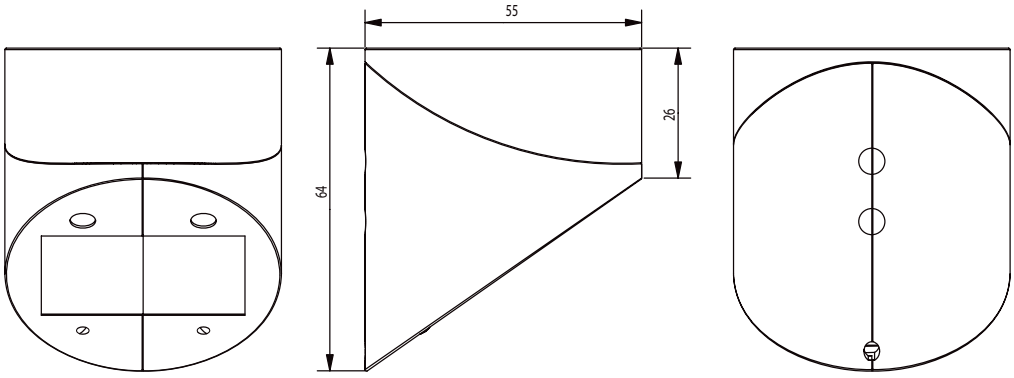
Operating Temperature	+5 to +45°C
Storage Temperature	-15 to +65°C

Drop Test

Robust design able to withstand at least 70cm drop, including batteries.

Liquid Test

Quality design that can withstand spill of liquid, e.g. coffee



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